

Examiner-Initiated Interview Summary	Application No.	Applicant(s)	
	10/052,706	TAKAYAMA ET AL.	
	Examiner	Art Unit	
	Carramah J. Quiett	2612	

All Participants:

- (1) Carramah J. Quiett, Patent Examiner.
- (2) Douglas Holtz, Applicant's Attorney.

Status of Application: Reponse to Non-Final Office Action Entered and Forwarded to Examiner

- (3) Ian Volek, Attorney's Assistant.
- (4) _____.

Date of Interview: 13 March 2006

Time: 12:59 pm

Type of Interview:

- ☒ Telephonic
- ☐ Video Conference
- ☐ Personal (Copy given to: ☐ Applicant ☐ Applicant's representative)

Exhibit Shown or Demonstrated: ☐ Yes ☒ No

If Yes, provide a brief description:

Part I.

Rejection(s) discussed:

None

Claims discussed:

Claim 52

Prior art documents discussed:

None

Part II.

SUBSTANCE OF INTERVIEW DESCRIBING THE GENERAL NATURE OF WHAT WAS DISCUSSED:

See Continuation Sheet

Part III.

- ☒ It is not necessary for applicant to provide a separate record of the substance of the interview, since the interview directly resulted in the allowance of the application. The examiner will provide a written summary of the substance of the interview in the Notice of Allowability.
- ☐ It is not necessary for applicant to provide a separate record of the substance of the interview, since the interview did not result in resolution of all issues. A brief summary by the examiner appears in Part II above.


(Examiner/SPE Signature)

(Applicant/Applicant's Representative Signature – if appropriate)

Continuation of Substance of Interview including description of the general nature of what was discussed: On 3/13/2006, the Examiner called the Applicant's Attorney to suggest changes to place the application in condition for allowance. Although the Attorney was unavailable at that time, the Examiner left a message, including the suggested changes, with the Attorney's Assistant. As a result on 3/14/2006, the Attorney transmitted a facsimile document to the Examiner agreeing to the suggested changes. This document includes a draft for amended claim 52. Therefore, claim 52 has been amended by the Applicant's Attorney. With the authority of the Attorney, the Examiner has made changes to the specification in an Examiner's Amendment. Please see the facsimile document.

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DRAFT AMENDED CLAIM 52

52. (Currently Amended) An apparatus for capturing an image of an object, comprising:

a controller to control an image forming operation of the apparatus;

5 a first addressing circuit communicating with the controller for designating a first address;

a second addressing circuit communicating with the controller for designating a second address;

10 a switch communicating with the controller for outputting an image capturing start signal; and

an imager having a plurality of circuit cells two-dimensionally arranged within an image area where the image is projected, the plurality of circuit cells respectively corresponding to pixels of the image;

15 wherein each of the plurality of circuit cells comprises:

a photoelectric converting element to generate charges associated with an amount of light from the object;

a charge storing element to store charges transferred from the photoelectric converting element; and

20 a MOS transistor, including a drain that is electrically connected to the charge storing element, a gate that is controlled by the first addressing circuit, and a source that is controlled by the second addressing circuit;

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wherein the circuit cells are arbitrarily selectable as one
25 of an arbitrary single circuit cell and an arbitrary group of
circuit cells by the controller by designating one of a single
address and a group of addresses at a time via the first and
second addressing circuits, so as to discharge charges from one
of a selected single charge storing element and a selected group
30 of charge storing elements;

wherein the plurality of circuit cells are divided into:
(i) first group circuit cells to capture the image of the object,
and (ii) second group circuit cells, which are substantially
uniformly disposed in the first group circuit cells in the image
35 area, to measure an amount of light from the object for a
photometry operation; and

wherein the controller controls the first group circuit
cells and the second group circuit cells to simultaneously
commence respective photoelectric converting actions ~~thereof~~ in
40 response to the image-capturing start signal, wherein the
controller measures a signal value of at least one circuit cell
selected by the controller in the second group circuit cells
while the first group circuit cells are performing the
photoelectric converting action ~~thereof~~, and wherein the
45 controller stops the photoelectric converting action of the first
group circuit cells when the signal value reaches a predetermined
value.